Index of Claims

Application/Control No.

10/676,861 Examiner

Julie Anne Watko

Applicant(s)/Patent under Reexamination

WADE, TATSUKI

Art Unit

2627

| <b>√</b> | Rejected |
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| _        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
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| Claim   |          |          |          |          |                 |          |          |          |  |  |                 |          |          |   |           |                |          |          |          |          |          |           |          |          |                 |              |          |              |                 |           |           |   |
|---|----------|----------|----------|----------|-----------------|----------|----------|----------|--|--|-----------------|----------|----------|---|-----------|----------------|----------|----------|----------|----------|----------|-----------|----------|----------|-----------------|--------------|----------|--------------|-----------------|-----------|-----------|---|
| 1   | Cla      | aim      | Date     |          |                 |          |          |          | Claim Date                                       |  |                 |          |          |   |           |                |          | CI       | aim      | Date     |          |           |          |          |                 |              |          |              |                 |           |           |   |
| 1   | Final    | Original | 3/9/9    | 90/5//   |                 |          |          |          |  |  |                 | Final    | Original |   |           |                |          |          |          |          |          |           | Final    | Original |                 |              |          |              |                 |           |           |   |
| 1   |          | 1        | 1        | 1        |                 |          |          | Н        | T  | $\vdash$   | П               |          | 51       | T | $\top$    | $\vdash$       | Н        | $\neg$   | 寸        | 寸        | $\dashv$ | $\dashv$  |          | 101      |                 | $\top$       | T        |              | $\vdash$        | ヿ         | $\top$    | _ |
| 3     V     103     103     104       4     4     54     104     105       5     6     105     105     105       6     55     107     107     108       9     10     60     109     109     109       10     60     60     110     110     110     110     111     111     111     111     111     111     111     111     111     111     111     111     111     111     111     111     111     111     112     112     112     113     113     114 <t< td=""><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>П</td><td></td><td></td><td></td><td>1</td><td><u> </u></td><td>Н</td><td></td><td></td><td></td><td><math>\neg</math></td><td>_</td><td></td><td></td><td></td><td><math>\top</math></td><td>T</td><td></td><td></td><td>一</td><td><math>\dashv</math></td><td>_</td></t<> |          |          | _        |          |                 |          |          |          |  |  | П               |          |          |   | 1         | <u> </u>       | Н        |          |          |          | $\neg$   | _         |          |          |                 | $\top$       | T        |              |                 | 一         | $\dashv$  | _ |
| 5   |          |          | 1        | 1        |                 |          |          |          |  |  | П               |          |          |   |           |                |          |          |          |          |          |           |          |          |                 | $\top$       | $\top$   |              |                 | $\neg$    | $\exists$ | Τ |
| 6   |          |          |          |          |                 |          |          |          |  |  |                 |          |          |   |           |                |          |          |          |          | $\Box$   |           |          |          |                 |              |          |              |                 |           |           |   |
| 7     107       8     108       9     10       10     60       11     11       62     112       13     63       14     64       15     65       16     66       17     67       18     68       19     69       20     70       21     71       22     72       23     73       24     74       25     76       26     77       27     72       28     73       29     79       30     126       27     77       28     78       126     76       27     77       28     78       30     80       31     131       32     126       77     127       78     129       33  |          | 5        |          |          |                 |          |          |          |  |  |                 |          |          |   |           |                |          |          | $\Box$   |          |          |           |          |          |                 |              |          |              |                 |           |           |   |
| See   10  |          |          |          |          |                 |          |          |          |  |  | Ш               |          |          |   |           | _              |          |          | _        |          | $\perp$  | _         |          |          |                 |              |          |              |                 |           | $\perp$   |   |
| 9   |          |          |          | 匚        |                 |          |          |          | <u> </u>   | _  | Ш               | _        |          |   | $\perp$   | _              |          | $\Box$   | _        | _        | _        | _         |          |          |                 | $\downarrow$ | _        |              |                 | $\dashv$  | $\perp$   |   |
| 10  |          |          |          |          |                 |          |          | Щ        | <u> </u>   | L  | Ш               |          |          |   | ╄         | ļ.,            | <u> </u> |          | _        | _        | $\dashv$ | _         |          |          |                 | $\perp$      | _        |              | Ш               | _         | _         |   |
| 11  |          |          | _        | -        |                 | _        | -        | _        | -  | _  | Н               |          |          |   | ┼         | <del> </del> — | Н        |          | -        |          |          | _         |          |          | $\perp$         | +            | ╄-       |              |                 | 4         | -         |   |
| 12  |          |          |          |          | H               |          |          | -        | -  |  | Н               | _        |          |   | ┿         | <del> </del>   | -        | $\dashv$ | -        |          |          |           |          |          | $\vdash$        | +            | ╁        | _            | $\vdash$        | $\dashv$  | $\dashv$  |   |
| 13  |          |          |          | -        | $\vdash \vdash$ | -        | $\vdash$ | <u> </u> | <del> </del>                                     | ⊢  | $\vdash \vdash$ | $\vdash$ |          |   | +         | ┢              | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |          |          | +               | +            | $\vdash$ | <del> </del> | $\vdash \vdash$ | $\dashv$  | +         | _ |
| 14  |          |          | -        | -        |                 | -        |          | <u> </u> | ╁  | ┢  | Н               | $\vdash$ |          |   | +         | ╁              | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |           | -        |          | $\vdash$        | +            | +        | $\vdash$     | $\vdash \vdash$ |           | +         | _ |
| 15  |          |          | _        | -        | $\vdash$        | -        | -        | <u> </u> | $\vdash$   | $\vdash$   | $\vdash$        | -        |          |   | +         | $\vdash$       | Н        | -        | $\dashv$ | -        | $\dashv$ | $\dashv$  |          |          | $\vdash$        | +            | $\vdash$ | $\vdash$     | $\vdash \vdash$ | $\dashv$  | +         | _ |
| 16  |          |          | _        |          | $\vdash$        | ᅱ        | -        | -        | $\vdash$   | <del>                                     </del> | H               | -        |          |   | $\top$    | $\vdash$       | $\vdash$ | $\dashv$ | 7        | $\dashv$ | -+       | $\dashv$  |          |          |                 | +            | +        |              | H               | $\dashv$  | $\dashv$  | - |
| 17  |          |          | _        | ┢        |                 | _        |          |          | _  |  |                 |          |          |   | $\top$    | $\vdash$       | $\vdash$ |          |          |          | 7        | _         | -        |          | $\vdash$        | $\dagger$    | T        |              |                 | 寸         | $\dashv$  | _ |
| 18   68   118   119   119   119   119   119   119   120   120   121   121   122   122   122   122   122   122   122   122   122   122   122   123   123   124   124   124   124   124   125   125   125   125   125   125   126   127   127   128   129   |          |          |          |          | П               |          |          |          |  |  | П               |          |          |   | T         | $\vdash$       |          |          | $\neg$   |          | T        | ╡         |          |          |                 | 1            | T        |              |                 | 寸         | $\neg$    | ٦ |
| 19  |          |          |          |          |                 |          |          |          |  |  |                 |          |          |   | $\top$    |                |          |          | $\neg$   |          | $\neg$   | $\exists$ |          |          |                 | 1            |          |              | П               | $\dashv$  |           | ٦ |
| 21   22   121   72   121   122   123   123   124   124   124   124   124   124   124   124   125   126   126   126   126   126   127   127   127   127   127   127   127   128   129   128   129   129   130   130   130   130   130   131   131   131   131   131   131   131   131   131   131   131   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   134   134   134   134   134   134   134   134   134   135   135   135   135   135   135   135   136   137   137   137   137   137   137   137   137   138   139   139   139   139   139   139   139   139   139   139   139   139<   |          |          |          |          |                 |          |          |          | Π  |  |                 |          |          |   | Τ         |                |          | Ī        |          |          |          | $\neg$    |          | 119      |                 | 1            | Τ        |              | П               | $\neg$    |           |   |
| 22   33   122   123   124   124   124   124   125   126   125   126   125   126   126   127   126   127   128   126   127   128   129   128   129   129   129   130   130   131   131   132   132   132   133   134   134   134   134   134   134   134   134   134   134   134   135   136   136   137   137   138   139   139   140   141   141   142   143   144   144   |          |          |          |          |                 |          |          |          |  |  |                 |          |          |   |           |                |          |          |          |          |          |           |          |          |                 |              |          |              |                 |           |           |   |
| 23   123   123   124   124   124   125   125   126   125   126   126   126   126   127   127   128   127   128   129   129   129   130   130   130   130   130   130   130   130   131   131   131   131   131   132   133   133   133   133   133   133   133   133   133   133   134   135   135   135   135   136   137   137   138   138   139   139   140   141   141   141   141   141   141   141   141   141   141   141   142   143   144   14   |          |          |          |          |                 |          |          |          |  |  |                 |          |          |   |           |                |          |          |          |          |          |           |          | 121      |                 |              |          |              |                 |           | $\Box$    |   |
| 24   124   124   125   125   126   125   126   126   126   126   127   127   127   127   128   129   129   129   129   129   130   130   130   130   131   131   131   131   131   131   132   132   132   132   132   133   133   133   133   133   133   133   134   134   134   134   134   135   135   135   135   136   137   137   137   137   137   137   137   138   138   138   138   138   138   139   140   141   141   141   142   143   144   144   144   144   144   144   145   145   146   147   148   148   148   149   14   |          |          |          |          |                 |          |          |          | L  |  | Ш               |          |          |   | <u> </u>  | <u> </u>       |          |          | $\perp$  |          | _        |           |          |          |                 | $\perp$      |          |              |                 |           | $\perp$   |   |
| 25     125     126     126     126     126     127     127     127     127     127     128     128     128     128     129     129     129     130     130     130     130     131     131     132     133     134     134     135     135     135     135     136     137     136     137     137     138     138     138     138     138     138     139     140     140     140     141     141     142     142     142     142     143     144     144     145     145     145     146     147     147     148     148     148     148     149     149     149     149     149     149     149     149     149     149     149  |          |          |          | _        | Ш               |          |          |          | <b>├</b>   | _  | Ш               |          |          |   | ↓_        | <u> </u>       |          | _        | _        | _        |          | _         |          |          |                 | 1_           | <u> </u> |              | Ш               | _         | $\dashv$  |   |
| 26   126   126   127   128   127   128   127   128   128   128   128   128   128   128   128   129   130   130   130   131   131   131   131   131   131   131   132   133   134   136   137   138   136   137   138   138   138   138   138   138   138   138   138   139   140   141   142   143   144   144   144   144   144   144   144   14   |          |          | L.       |          |                 | _        |          |          | <u> </u>   | <u> </u>   | Ш               |          |          |   | $\bot$    | _              |          | _        | _        | $\dashv$ | _        | _         |          | 124      |                 | _            | ـــــ    |              | Ш               | _         |           |   |
| 27   28   77   127   128   128   129   129   129   129   129   130   130   131   131   131   131   131   132   133<   |          |          | -        | L        | $\vdash$        | $\dashv$ |          |          |  | _  | Н               | _        |          |   | ┼         | ├              |          | $\dashv$ |          |          |          | $\dashv$  |          |          |                 | 4            | ╄-       |              | Ш               | $\dashv$  | +         | _ |
| 28   78   128     29   80   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   136     39   89   139     40   90   140     41   91   141     42   92   142     43   93   144     44   94   144     45   96   146     47   98   148     49   99   149   |          |          |          |          | Н               | $\dashv$ |          |          |  |  | Н               |          | 70       | + | ┿         | ├              |          | $\dashv$ | $\dashv$ | -        | -        | $\dashv$  | -        | 126      | $\dashv$        | +            | ╄        | -            | Н               | $\dashv$  | -         | _ |
| 29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   88     39   88     40   90     41   91     42   92     43   93     44   94     45   96     46   96     47   97     48   99     146   97     48   99     148   99     149   149   | $\vdash$ |          | _        | -        | $\dashv$        | -        | -        |          |  | ⊢  | Н               |          |          |   | ╁         | ┢              | -        | $\dashv$ | $\dashv$ | -        | -        |           | -        |          | -               | +            | +        | -            |                 | $\dashv$  | +         | _ |
| 30   31   31   31   31   31   32   33   33   33   33   34   34   34   34   35   36   36   36   36   36   36   37   38   38   39   38   39   38   39   38   39   39   38   39 <td< td=""><td>-</td><td></td><td></td><td>-</td><td><math>\vdash</math></td><td>-</td><td></td><td>-</td><td>⊢</td><td><math>\vdash</math></td><td>Н</td><td>-</td><td></td><td></td><td>+-</td><td>-</td><td>Н</td><td><math>\dashv</math></td><td><math>\dashv</math></td><td>-</td><td><math>\dashv</math></td><td><math>\dashv</math></td><td>-</td><td>120</td><td>+</td><td>╁</td><td>╁</td><td><del> </del></td><td><math>\vdash</math></td><td><math>\dashv</math></td><td>+</td><td>_</td></td<>  | -        |          |          | -        | $\vdash$        | -        |          | -        | ⊢  | $\vdash$   | Н               | -        |          |   | +-        | -              | Н        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$  | -        | 120      | +               | ╁            | ╁        | <del> </del> | $\vdash$        | $\dashv$  | +         | _ |
| 31 81   32 131   33 132   33 133   34 134   35 85   36 136   37 87   38 88   39 88   40 90   41 91   42 92   43 94   44 94   46 96   47 97   48 98   49 149   | <u> </u> |          | _        | -        | $\vdash$        | $\dashv$ |          |          | -  | $\vdash$   | Н               | -        |          |   | ╁┈        | ╁              | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$  | -        |          | +-              | ╁            | ╁        | -            | Н               | $\dashv$  | +         | - |
| 32   82     33   132     34   133     35   84     36   85     37   88     38   87     38   88     39   90     40   91     41   91     42   92     43   93     44   94     45   96     46   96     47   97     48   98     49   148  |          |          |          |          | $\vdash$        | $\dashv$ |          |          | -  | -  | Н               | -        |          |   | T         | ╁╌             | Н        | $\neg$   | -        | _        | -        | -         |          |          |                 | +            | ╁╴       |              | $\vdash$        | 十         |           | _ |
| 33   133   134     34   134   134     35   135   135     36   136   137     38   87   137     39   88   138     39   90   140     41   91   141     42   92   142     43   93   143     44   93   144     45   96   145     46   96   146     47   98   148     49   99   149   |          |          |          |          |                 |          |          |          |  | $\vdash$   | Н               |          |          |   | $\dagger$ | Ι-             |          | $\neg$   | 一        |          | $\dashv$ | $\dashv$  |          |          | $\neg \uparrow$ | +            | $\vdash$ |              |                 | $\dashv$  |           | _ |
| 34   35   36   35   36   37   38   37   38   39   38   39 <td< td=""><td></td><td></td><td></td><td></td><td><math>\neg</math></td><td></td><td></td><td></td><td></td><td></td><td>П</td><td></td><td></td><td></td><td>1</td><td></td><td></td><td><math>\Box</math></td><td>寸</td><td><math>\neg</math></td><td>コ</td><td><math>\neg</math></td><td></td><td>133</td><td></td><td>1</td><td>1</td><td></td><td>П</td><td><math>\neg</math></td><td><math>\neg</math></td><td></td></td<>   |          |          |          |          | $\neg$          |          |          |          |  |  | П               |          |          |   | 1         |                |          | $\Box$   | 寸        | $\neg$   | コ        | $\neg$    |          | 133      |                 | 1            | 1        |              | П               | $\neg$    | $\neg$    |   |
| 35 85   36 135   37 137   38 137   39 88   40 90   41 91   42 92   43 94   44 94   45 96   46 97   48 99   49 149   |          | 34       |          |          |                 |          |          |          |  |  |                 |          | 84       |   |           |                |          |          |          |          |          |           |          | 134      |                 | 1            | $I^-$    |              |                 |           |           | _ |
| 37   87   137   138     38   90   139   139     40   90   140   141     41   91   141   141     42   92   142   142     43   93   143   144     45   95   145   145     46   96   146   147     48   98   148   148     49   99   149   149   |          |          |          |          |                 |          |          |          |  |  |                 |          | 85       |   |           |                |          |          |          |          |          |           |          | 135      |                 | Ι            |          |              |                 |           |           | _ |
| 38   138     39   139     40   139     41   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   149   | L        |          |          |          |                 |          |          |          |  |  |                 |          |          |   |           |                |          |          |          |          |          | $\Box$    |          |          |                 |              |          |              |                 |           |           |   |
| 39   89   139     40   90   140     41   91   141     92   142     93   143     94   144     95   145     96   146     97   147     98   148     99   149   |          |          |          |          | Ш               | _        |          | $\Box$   | <u> </u>   | <u> </u>   | Ш               | <u> </u> |          |   | ļ         | ļ              |          |          | $\Box$   | $\Box$   | $\Box$   |           |          |          |                 |              | L        |              | $\square$       |           |           |   |
| 40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149   |          |          |          |          | $\square$       | _        |          |          |  | <u> </u>   | Ш               | <u> </u> |          |   | _         | L              |          | $\perp$  | _[       |          | _[       | _         |          |          |                 |              |          |              | Ш               | $\Box$    | $\bot$    |   |
| 41   91   141   142     42   92   142   142     43   93   143   143     44   94   144   144     45   95   145   145     46   96   146   147     47   97   147   148     48   98   148   149   | <u> </u> |          | <u> </u> | _        | $\dashv$        | -        |          | L_       | _  | <u> </u>   | Щ               | <u> </u> |          |   | +         | <u> </u>       | $\sqcup$ | _        | 4        | _        | _        |           | <u></u>  |          |                 | $\perp$      | ↓_       | _            | $\sqcup$        | _         | _         |   |
| 42   92   142     43   93   143     44   94   144     95   145     46   96   146     47   97   147     48   98   148     49   99   149  | <u> </u> |          | H        | -        | $\vdash \vdash$ | _        | _        | <u> </u> | <u> </u>   | <u> </u>   | $\vdash \vdash$ | -        |          |   | -         | <del> </del>   |          | _        | 4        | _        |          |           |          | 140      | $\vdash$        | $\perp$      |          | <u> </u>     | $\vdash \vdash$ | _         | $\bot$    | _ |
| 43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149   |          |          | -        | -        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | _        |  | <u> </u>   | Н               | -        |          |   | +         | ├              | $\vdash$ |          | $\dashv$ |          | $\dashv$ | $\dashv$  | -        |          |                 | +-           | -        |              | $\vdash \vdash$ | -         | -         | _ |
| 44 94 144   45 95 145   46 96 146   47 97 147   48 98 148   49 99 149   |          |          | $\vdash$ | -        | $\vdash$        | -        | -        | -        | $\vdash$   | <del> </del>                                     | $\vdash \mid$   | -        | 92       | + | +         | $\vdash$       | $\vdash$ | $\dashv$ | $\dashv$ |          |          |           | -        | 142      | $\vdash$        | +            | -        | $\vdash$     | Н               | $\dashv$  | +         | _ |
| 45 95   46 96   47 97   48 98   49 148  |          |          | $\vdash$ |          | $\vdash$        | $\dashv$ | $\vdash$ | $\vdash$ | $\vdash$   | -  | Н               | -        |          |   | ╁         | -              | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |          |          | $\vdash$        | +            | ╁        | $\vdash$     | $\vdash \vdash$ | $\dashv$  | +         |   |
| 46 96   47 146   48 98   49 148   | $\vdash$ | 45       |          |          | $\dashv$        | $\dashv$ |          |          | -  | -  | $\vdash$        | $\vdash$ |          |   | +         | -              | $\vdash$ |          | $\dashv$ |          | $\dashv$ |           | -        | 144      |                 | ╁            | +        |              | Н               | $\dashv$  | +         | _ |
| 47 97 147   48 98 148   49 149  |          | 46       |          | $\vdash$ | $\vdash$        | $\neg$   | $\vdash$ | $\vdash$ | <del>                                     </del> | ┢  | Н               |          |          |   | +-        | $\vdash$       | $\vdash$ |          | $\dashv$ | +        | $\dashv$ | $\dashv$  | -        | 146      | <del>   </del>  | +-           | +        | $\vdash$     | $\vdash \vdash$ | $\dashv$  | +         | _ |
| 48  |          |          |          |          | $\vdash$        |          |          |          |  | Т  | Н               |          |          |   | +         | $\vdash$       | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\vdash$ |          | -               | +            | $\vdash$ |              | $\vdash$        | $\dashv$  | +         | _ |
| 49 99 149 149   |          |          |          |          |                 |          |          | _        | Г  | П  | П               |          |          |   | $\top$    | T              | _        | $\dashv$ | $\dashv$ | 十        | $\dashv$ | $\dashv$  |          |          | $\vdash$        | +            | $t^{-}$  |              | $\vdash$        | $\dashv$  | $\dashv$  | _ |
|   |          | 49       |          |          |                 |          |          |          |  |  | П               |          |          |   |           | 1              |          | $\neg$   | $\neg$   | $\dashv$ | $\neg$   | $\neg$    |          |          |                 | 1            |          | П            | $\dashv$        | ヿ         | $\top$    | ٦ |
|   |          |          |          |          |                 |          |          |          |  |  |                 |          |          |   |           |                |          |          |          | $\dashv$ | $\dashv$ |           |          | 150      |                 | T            | Τ        |              | П               | $\exists$ | $\top$    | _ |